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FEDERAL STANDARD 1033



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REFERENCE

NIST
PUBLICATIONS



DATA COMMUNICATION SYSTEMS AND SERVICES USER-ORIENTED PERFORMANCE PARAMETERS

Prepared By:
National Communications System
Office of Technology & Standards
Published By:
General Services Administration
Office of Information Resources Management

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FEDERAL STANDARD

TELECOMMUNICATIONS: DATA COMMUNICATION SYSTEMS AND SERVICES-
USER-ORIENTED PERFORMANCE PARAMETERS

This standard is issued by the General Services Administration pursuant to the Federal Property and Administrative Services Act of 1949, as amended. Its application to telecommunications systems is mandatory on all Federal agencies to the extent specified herein.

1. SCOPE

1.1 Description. This standard, by adoption of American National Standard X3.102- 1983, defines 21 data communication performance parameters that are applicable to all classes of data communication systems independent of topology, protocol, code, or other design characteristics. It supersedes Interim Federal Standard 001033 dated August 29, 1979.

1.2 Purpose. The purpose of this standard is to provide Federal agencies with a uniform means of specifying the performance of data communication systems and services as perceived by end users.

1.3 Application. American National Standard X3.102 shall be used by all Federal Departments and Agencies in specifying the performance of data communication systems and services as perceived by end users. Specifications may define values either for all ANS X3.102 parameters, (see Figure C-4) or for a subset determined by the user application and the expected system or service characteristics. Use of the standard in performance measurement is not required in applications where the expected cost of measurement exceeds the expected benefits.

2. REQUIREMENTS AND APPLICABLE DOCUMENTS

The requirements of this standard are those performance parameters specified in paragraph 3.0 of American National Standard X3.102-1983, "Data Communication Systems and Services - User-oriented Performance Parameters."

3. CONFLICT WITH REFERENCED DOCUMENTS

Where the requirements stated in this standard conflict with any requirements in a referenced document, the requirements of this standard shall apply. The nature of the conflict between this standard and a referenced document shall be submitted in duplicate to the General Services Administration (K), Washington, D.C. 20405.

4. CHANGES

When a Government department or agency considers that this standard does not provide for its essential needs, a statement citing specific requirements shall be sent in duplicate to the General Services Administration (K), Washington, D.C. 20405, in accordance with provisions of Federal Information Resources Management Regulation 201-8.101.3. The General Services Administration will determine the appropriate action to be taken, and will notify the agency.

PREPARING ACTIVITY

National Communications System
Office of Technology and Standards (NCS-TS)
Washington, D.C. 20305-2010

MILITARY INTEREST

<u>Military Coordinating Activity</u>	<u>Custodians</u>	<u>Review Activities</u>
DCA - DC	Army - CR Navy - EC Air Force - 90	Army - CR, SC Navy - EC, NOSC Air Force - 90, XOKC

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